

ABSTRACT OF THE DISCLOSURE

An ink-jet printing head comprising a flow-passage unit and an actuator unit laminated on each other, wherein the flow-passage unit has nozzles and pressure chambers communicating with the respective nozzles, and the actuator unit is operable to apply pressure to ink in each pressure chamber, and wherein each pressure chamber communicates at one of its opposite longitudinal ends with the corresponding nozzle, and at the other longitudinal end with an ink supply source, and is formed so as to be open in one of the opposite surfaces of the flow-passage unit, such that each pressure chamber is partially defined by the actuator unit, and wherein each pressure chamber has a depth of 35 μm -45 μm in a direction perpendicular to the opposite surfaces of the flow-passage unit.